Books Recommended.

Rankin and Hidreath—Intermediate Domestic Science (Hildreth-Allman & Sons, London)
Gangulee—What to Eat any Why ? (Oxford)
Graves—Food in Health and Disease (Macmillan)
Veeraswamy—Indian Cookery (Herbert Joseph, London)
Health Bulletin Nos. 23 and 28 (Government of India Press)
A Friend in need Cookery Book (Women's Workshop, Mount Road, Madras)
Callow—Food and Health.
Mottram and Huchinson—Principles of Nurtition (Newman Books)
The American Woman's Cook Book (Consolidated Book Publishers, Chicago)
Boger—Nutrition and Physical Fitness (Saunders & Co., London)

GROUP III.

1. PHYSICAL SCIENCE I : PHYSICS.

Dynamics.—Units of length and time, speed, velocity and acceleration of a particle moving in a straight line Newton's Laws of Motion. Motion under the action of gravity, energy work, power, and their units, Conservation of energy, conditions, of equilibrium of a body acted upon by a number of forces. Parallelogram law, parallel forces. Centre of gravity. Simple pendulum. Determination of "g". Simple machines.

Hydrostatics.—Pressure at a point inside a fluid. Transmission of pressure. Principle of Archimedes. Determination of density and specific gravity. Pressure of a gas and its determination, Air pumps.

Heat.—Temperature and its measurement ; thermometry, thermal expansion of solid, liquids, and gasses and their determination. Specific heat and latent heat ; their determination ; conduction, convection and radiation. Comparison of thermal conductivity.

Light.—Laws of transmission, reflection and refraction. Reflection at spherical surfaces, Reflection through prisms and lenses. Optical Instruments such as optical lantern, microscope and telescope. Dispersion. Spectrometer.

Magnetism.—Properties of magnets, Poles, Unit poles, laws of magnetic forces, Lines of Force, Magnetic field, earth as a magnet, Compass, Magnetic induction.

Electricity.—The more common forms of primary cells. Magnetic effects of an electric current. Galvanometers. metallic conductors and electrolytes, laws of electrolysis, E.M.F. Measurements of e.m.f. current and resistance. The el ctromagnet and its simple applications.

Sound.—Production and propogation ; velocity in air, sound a wave motion, reflection of sound, echoes, pitch, and loudness.

Prictical.—Measurements of length—verification of parall logram law, Parallel forces—centre of gravity of plate, simple pendulum—determination of "g"—inclined plane system of pulleys—specific gravity of solids and liquids Coefficient of expansion of a rod—Coefficient expantic of liquid—specific and latent heat—laws of reflection and refraction—focal length of concave mirrors and convex lenses—Magnetic line of force—measurement of current—measurement of e.m.f.—measurement of resistance of a wire—vibration of strings.

Books Recommended.

Crowther ... A Manual of Physics
Manikkam ... A Text-Book of Intermediate Physics

2. PHYSICAL SCIENCE II : CHEMISTRY.

Physical and chemical changes, elements, compounds, mixtures, types of chemical changes.

Laws of chemical combination, equivalent weights, atomic theory, atoms and molecules, valency, symbols, formule-equations.

Elementary ideas of osmosis, electrolytic dissociation and colloidal solutions.

Elementary study of the preparation, properties, and uses of the following elements and their more important compounds with special reference to their bearing on everyday life :—oxygen and ozone, hydrogen, nitrogen chlorine, brommine and lodine, sulphur carbon and phosphorus, sodium, potassium, copper, silver, gold, zinc, mercury, aluminium, tin, lead, iron and nickel.

Typical organic compounds : methane, ethane, acetylene, benzene, naphthalene, methyl and ethyl alcohols; phenol farmaldehyde, formic, acetic. benzoic and salicylic acids; acetone, chloroform, carbontetrachloride.

A knowledge of the types of food required by the human body and a knowledge of the composition of the more common foods such as milk, eggs, meat, rice, butter, coffee and tea.

Elementary ideas about bleaching and dyeing of fabrices.

Pratical.—Preparation of oxygen, hydrogen, sulphur dioxide and chlorine ; equivalent weights of aluminium, copper and lead. Simple exercises in volumetric analysis involving the use of standard acids and alkalies, potassium permanganate and silver nitrate. Tests for simple salts.

Books Recommended.

Partington ... Everyday Chemistry
Cowell ... Chemistry for Beginners.

(Letter No. E. 4809, dated 11th September 1951, from the Education Secretary to Government, Bangalore).

Effective from the Junior Class of 1951-52.

The Mysore Medical College Silver Jubilee Prize

Founder : The Silver Jubilee Committee, Medical College Mysore.

Object : In commemoration of the Silver Jubilee of the University Medical College, Mysore.

Date : 1950.

Original amount : Rs. 2,000.

Conditions of grant : 1. The interest on the endowment shall be utilised for the award of a prize called "The Mysore Medical College Silver Jubilee Prize."

2. This prize shall be awarded annually at the Convocation to the best out-going student of the University Medical College, Mysore, as judged by the total number of marks obtained on the aggregate in the several parts, wherever there are, of the First, Second and Final Examinations for the M.B.B.S. Degree, among those who have been successful in all the examinations mentioned above at the first attempt and have completed the course within the prescribed period and obtained not less than 60 per cent of the total aggregate marks.

3. In the event of there being two or more candidates satisfying the conditions for winning the prize the amount shall be divided amongst the candidates.

4. If in any year, no such candidate is forthcoming, the amount shall be added to the corpus of the endowment fund.

5. Any amount that may be obtained from donations or collected otherwise for purposes of addition to the corpus shall be added to the same.

6. If any need shoud arise for amending these rules to a future date, the University Council shall have power at do so in consultation with the College Council of the Medical College, Mysore.

(G.O. No. 10017-8—Uni. 48-51-16, dated 28th January 1952).

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Notification dated 25—26th February 1952.

No. G3. 905—51-52. Under Section 13 (4) of the Mysore University Act, 1933, the Senate will be reconstituted for a further period of three years from 1st July 1952.

Nomination papers in connection with the election of six members by registered graduates are expected to issue in April-May 1952.

The attention of persons eligible for enrolment as registered graduates is invited to the following statute (64)—page 26 of Calendar, Valume I for 1947-48 :

> 'In the case of elections by registered graduates all graduates who are entered on the Register of Graduates at the time of issue of nomination papers shall be entitled to vote or to be elected (as the case may be) at such elections and shall be the only persons so entitled ".

Notification No. G. 2-1032—50-51, dated 26—27th February 1952.

The J. H. Bhabha Maharaja's College Centenary Prize.

Founder.—The J. H. Bhabha Memorial Trust, Bombay.

Object.—To perpetuate the memory of the late Mr. Jehangir H. Bhabha.

Date—August 1951.

Original Amount.—Rs. 2,000.

Conditions of Grant.—1. The interest on the amount shall be used for awarding a prize which shall be known as the J. H. Bhabha Maharaja's College Centenary Prize and it shall be of the value of about Rs. 75 per annum.

2. The said prize shall be awarded every year at the University Convocation to the candidate with the highest marks in the B.A. Honours History Examination, passing in First Class.

3. In the event of there being two or more candidates competing for the prize, the same shall be awarded at the discretion of the University Council to the most deserving of them.

4. If the prize is not awarded in any year for any reason the amount shall be added to the corpus of the fund.

5. It shall be competent for the University Council to amend the terms of award to suit changes, if any, in the course of studies without detriment to the object of the founder.

(G.O. No. E. 10015-6—Uni. 48-51-18, dated 28th January 1952).

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Notification No. G. 2-1032—50-51 dated 26th February 1952.

The Sirdar M. Lakshmikantaraj Urs Maharaja's College Centenary Prize.

Founder.

Shri M. L. Raje Urs, B.Sc., LL.B.

Object.

To perpetuate the name of his (Shri M. L. Raje Urs) father, Sirdar M. Lakshmikantaraj Urs.

Date—16th August 1951.

Original Amount—Rs. 2,000.

Conditions of grant.

The interest on the amount shall be used for awarding a prize which shall be known as "Sirdar M. Lakshmikanta Raj Urs Maharaja's College Centenary Prize" and it shall be of the value of about Rs. 75 per annum.

2 The said prize shall be awarded every year at the University Convocation to the student who obtains the highest number of marks in Economics in the B.A. Degree Examination and who is eligible for the Degree.

3 In the event of there being two or more candidates competing for the prize, the same shall be awarded at the discretion of the University Council to the most deserving of them.

4 If the prize is not awarded in any year for any reason, the amount shall be added to the corpus of the fund.

5 It shall be competent for the University Council to amend the terms of award to suit changes, if any, in the course of studies without detriment to the object of the founder.

(Government Order No. E.10013-4—Uni. 48-51-20 dated 28th January 1952)

Notification No. G. 2-1027—50-51, dated 26th February 1952.

The Srinivasachar Cadambi Endowment.

Name of Endowment.

The Srinivasachar Cadambi Endowment.

Founder.

The Official Trustee of Bombay on behalf of the late Sri Srinivasachar Cadambi.

Object.

Encouragement of advanced technical and industrial education among the students of the Kalkunte Iyengar Community including the Kichigenahally Iyengar Community.

Date—1951.

Original Amount—Rs. 1,02,036-1-6.

Conditions of Grant.

The interest on the Endowment shall be utilised annually for the award of nineteen scholarships each of the value of Rs. 25 per month tenable for eight months in the year to deserving students of the Kalkunte Iyengar community including the Kichigenahally Iyengar community as under:—

(*a*) Two in the Medical College;

(*b*) Ten in the University or Affiliated Colleges of Engineering;

(*c*) One in the B.Sc. (Textiles) class of the Sri Krishnarajendra Silver Jubilee Technological Institute, Bangalore;

(*d*) One in the B.Sc. (Agr.) class of the Agricultural College, Bangalore;

(*e*) One in the B.Com. class of the University or Affiliated Colleges;

(*f*) Four in the B.Sc. (Hons.) classes;

(*g*) Scholarships, not awarded in any of the courses specified above, shall be awarded in the B.Sc. (Pass) classes of the University and Affiliated Colleges.

2 The scholarships shall be known as "The Srinivasachar Cadambi Scholarships."

3 The award of the scholarships shall be made on considerations of the applicant's merit, poverty and character.

4 The scholarships will generally be awarded in the first year of the course and shall be continued in subsequent years subject to satisfactory progress and conduct of the scholarship holders.

5 If no student of the Kalkunte Iyengar Community or the Kichigenahally Iyengar Community should be forthcoming in any year for the award of the scholarships in any of the courses specified above, the corresponding amount not utilised shall be added to the corpus of the endowment.

6 If a scholarship in any class falls vacant by the discontinuance of study of the scholarship holder or for any other reason in the middle of the course, the unpaid portion of the scholarship may be awarded to any other deserving student of the Kalkunte Iyengar Community in that class.

7 Subject to the rules governing scholarships in the University, the scholarship shall not be combined with another endowment scholarship.

8 Each of these scholarships shall carry a free-studentship with it, subject to the general rules of the University governing the award of free-studentships.

9 Subject to the conditions set forth above, the award of the scholarships shall be made by a committee, to be constituted once in three years, consisting of the Vice-Chancellor, three representatives of the 'Kalkunte Education Trust' and the Registrar.

10. The scholarship committee referred to above shall have the power to alter condition one, *i.e.*, the number of scholarships and the courses for which they are tenable according to the need and according to the amount of interest that may accrue, always keeping in view the main object of the endowment.

(Government Order No. 9304-05—Uni. 25-51-8 dated 11th January 1952)

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